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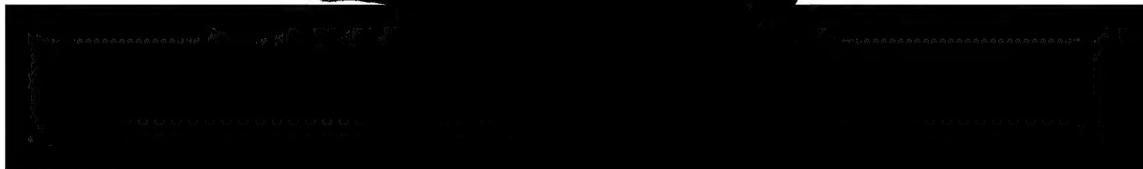
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PHOTOGRAPHIC
INTERPRETATION
REPORT

MISSION COVERAGE INDEX

NPIC/R-67/65

March 1965

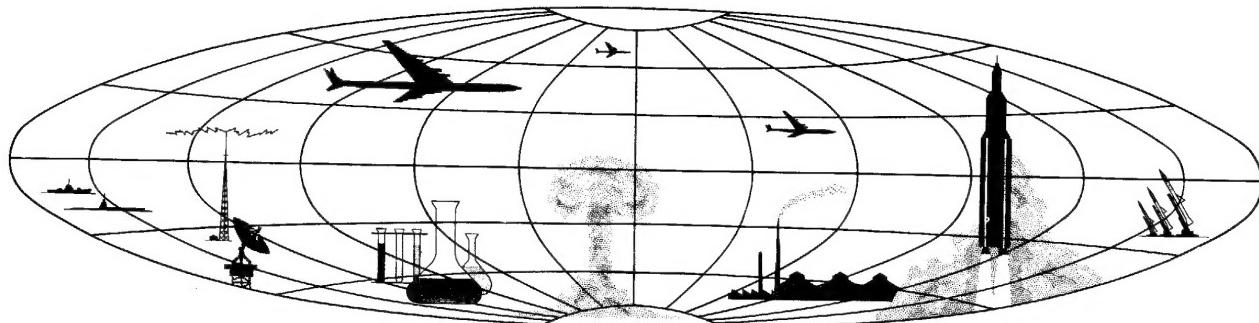


25X1D



DIA

NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER



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GROUP I
Excluded from automatic
downgrading and declassification

W A R N I N G

This document contains information affecting the national defense of the United States, within the meaning of Title 18, sections 793 and 794, of the U.S. Code, as amended. Its transmission or revelation of its contents to or receipt by an unauthorized person is prohibited by law.



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PREFACE

THIS MISSION COVERAGE INDEX (MCI) LISTS THE INTELLIGENCE TARGETS IMAGED ON THE PHOTOGRAPHY

25X1D

ITEMS ARE ARRANGED IN THREE SECTIONS.

SECTION I PROVIDES SHORT DESCRIPTIONS FOR NEWLY IDENTIFIED TARGETS AND PREVIOUSLY REPORTED TARGETS SHOWING CHANGE, AND ALSO PROVIDES ORDER OF BATTLE INFORMATION.

SECTION II PROVIDES A LISTING OF THOSE TARGETS WHICH REFLECT NO APPARENT CHANGE IN FACILITIES FROM THE MOST ADEQUATE PREVIOUS DESCRIPTION. THE MCI IN WHICH THIS DESCRIPTION APPEARS IS DESIGNATED BY THE APPROPRIATE MISSION NUMBER, PREFIXED BY THE LETTERS NAC AND APPEARING ON THE PHOTO REFERENCE LINE.

MILITARY INSTALLATIONS WHERE THERE IS NO SIGNIFICANT CHANGE IN FACILITIES AND WHERE NO ORDER OF BATTLE CAN BE DETERMINED ARE LISTED UNDER THIS SECTION.

SECTION III PROVIDES A LISTING OF THOSE TARGETS WHICH COULD BE IDENTIFIED BUT NOT INTERPRETED.

TARGETS IN EACH SECTION ARE ARRANGED
1) WITHIN THE COUNTRY ACCORDING TO SUBJECT, 2) WITHIN THE SUBJECT BY WAC AREA, AND 3) WITHIN THE WAC AREA BY GEOGRAPHIC COORDINATES IN ASCENDING ORDER. AN

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EXPLANATION OF COLUMN HEADINGS AND PHOTO REFERENCES USED IN PRESENTING THE INFORMATION IS CONTAINED IN THE APPENDIX. THE MAP BASE USED (WHEN AVAILABLE) FOR THE DERIVATION OF COORDINATES IN THIS MCI IS THE LATEST EDITION OF THE AMS SERIES L509, SCALE 1/250,000, L7012, 1/50,000, AND THE ATC SERIES 200, SCALE 1/200,000.

THE USER OF THIS MCI IS CAUTIONED THAT THE SCAN OF PHOTOGRAPHY WAS ACCOMPLISHED IN A RELATIVELY SHORT TIME AND OFTEN WITHOUT THE AID OF PRECISE ANALYTICAL AND MENSURAL TECHNIQUES COMMONLY EMPLOYED IN DETAILED PHOTOGRAPHIC ANALYSIS. CONSEQUENTLY, ALTHOUGH THE INFORMATION PRESENTED HEREIN IS ESSENTIALLY ACCURATE, ADDITIONAL, DETAILED ANALYSIS MAY SOMEWHAT ALTER PORTIONS OF THE INFORMATION.

NOTE -- AAA DEFENSES ARE DIVIDED INTO THREE BASIC CATEGORIES -- LIGHT (ZPU-2, ZPU-4, 37MM), MEDIUM (57MM, 85MM), AND HEAVY (100MM AND LARGER). THE TERM HMGAA (HEAVY MACHINE GUN ANTI-AIRCRAFT) INDICATES A WEAPON SMALLER THAN A ZPU-2. WHERE SUCH A CATEGORY CANNOT BE DETERMINED, THE SITE WILL BE LISTED AS AN AAA SITE AND THE NUMBER OF GUNS INDICATED (EXAMPLE 6-GUN AAA SITE, OCCUPIED/UNOCCUPIED).

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SECTION I

THIS SECTION PROVIDES SHORT DESCRIPTIONS FOR NEWLY IDENTIFIED TARGETS AND PREVIOUSLY REPORTED TARGETS SHOWING CHANGE, AND ALSO PROVIDES ORDER OF BATTLE INFORMATION.

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
-LAOS-				
AIR INSTALLATIONS				
LAK SAO AIRFIELD 1.0 NM SOUTH OF LAK SAO AT UTM VF977100. APPROXIMATELY 3,000 X 100 FT N/S SOD RUNWAY, PROBABLY SERVICEABLE. AIRCRAFT -- NONE OBSERVED.	1811N 10459E	0617	25X1A [REDACTED]	113
[REDACTED]	25X1D			
MILITARY INSTALLATIONS				
MUONG PHINE MILITARY AREAS TWO PROBABLY ABANDONED MILITARY AREAS AT INTERSECTION OF ROUTES 9 AND 23 (REFERENCED FROM INTERSECTION).	1632N 10602E	0617		192
AREA A (IMMEDIATELY NORTH AT UTM XD098281) -- 2 BUILDINGS INTACT, 5 BUILDINGS IN VARIOUS STAGES OF DETERIORATION, AND 4 DESTROYED BUILDINGS.				
AREA B (UTM XD090285) -- 5 DETERIORATED BUILDINGS, 1 SMALL SHED, AND 3 BUILDING FOUNDATIONS. SEVERAL BOMB CRATERS OBSERVED.				
[REDACTED]	25X1D			

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
25X1D MUONG PHINE AREA, AAA/AW SITES FIVE OF THE 13 SITES IN MUONG PHINE AREA, REPORTED IN MISSION [REDACTED], ARE COVERED BY PHOTOGRAPHY. SITE A (UTM XD089277) -- 4-GUN LIGHT AAA, POSSIBLY OCCUPIED. SITE B (UTM XD093278) -- 6-GUN HMGAA, OCCUPIED. SITE C (UTM XD095278) -- 4-GUN LIGHT AAA, UNOCCUPIED. SITE E (UTM XD094282) -- 4-GUN LIGHT AAA, POSSIBLY OCCUPIED. SITE F (UTM XD097283) -- 4-GUN LIGHT AAA, UNOCCUPIED.	1632N 10602E	0617		192-F
25X1D [REDACTED] BAN PHAN HOP AREA, AAA SITES NW TWO OF THE 5 LIGHT AAA SITES, 1.4 NM NW OF BAN PHAN HOP AIRFIELD, REPORTED IN MISSION [REDACTED], ARE COVERED BY PHOTOGRAPHY. SITES B AND C -- UNOCCUPIED.	1733N 10544E	0617		199-F
25X1D [REDACTED] BAN NHOMMARATH KEO AREA, MILITARY AREA 2 NM SOUTH OF BAN NHOMMARATH KEO AT UTM WE190429. AREA CONSISTS OF 4 BARRACKS-TYPE, 2 SUPPORT, AND 1 U-SHAPED BUILDING, AND 3 SHEDS. LIGHT TRACK ACTIVITY OBSERVED.	1734N 10510E	0617		365-C

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	Target	Coordinates	WAC	Target Numbers	
				BE	NPIC
	TWO PREVIOUSLY REPORTED UNOCCUPIED LIGHT AAA/AW POSITIONS APPEAR OVERGROWN AND ABANDONED. [REDACTED]	25X1D			
25X1D	BAN NHOMMARATH KEO, AAA SITES FIVE OF THE 9 AAA SITES, REPORTED IN MISSION [REDACTED] IN THE BAN NHOMMARATH KEO AREA ARE COVERED BY PHOTOGRAPHY. ALL FIVE SITES REMAIN UNOCCUPIED. [REDACTED]	1736N 10509E	0617	365	
25X1D	NAPE AREA, AAA SITES NINE OF THE 11 AAA SITES IN THE NAPE AREA, REPORTED IN MISSION [REDACTED] COVERED ON INTERPRETABLE PHOTOGRAPHY. ALL NINE SITES ARE UNOCCUPIED. FIVE OF THE 9 SITES ARE PROBABLY ABANDONED. [REDACTED]	1818N 10505E	0617	118-B	
25X1D	BAN KEN, AAA/AW SITES TWENTY-SEVEN SITES IN BAN KEN VICINITY, AS REPORTED IN MISSIONS [REDACTED] COVERED BY PHOTOGRAPHY. THE FOLLOWING SITE IS OCCUPIED -- SITE A (UTM UG609652) 4-GUN LIGHT AAA, 3 POSITIONS OCCUPIED. THE FOLLOWING SITES ARE NOT OCCUPIED --	25X1D 1934N 10340E	0617	480-B	

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
25X1D [REDACTED]	SITES B,C,D,F,G,H,I,K,L,N,O,P,Q,T,W,X, AND A1. THE FOLLOWING SITES ARE NOT INTERPRETABLE DUE TO POOR IMAGE QUALITY -- SITES E,J,M,R,S,U,V, Y, AND Z.			
25X1D [REDACTED]	BASIC SERVICES TCHEPONE HIGHWAY BRIDGE OVER SE BANG HIENG 1.4 NM NW OF TCHEPONE AT UTM XD301462. FOUR-SPAN, APPROXIMATELY 550 FT, HALF-THROUGH, STEEL-TRUSS, UNSERVICEABLE BRIDGE OBSERVED ON ROUTE 9 OVER THE SE BANG HIENG (RIVER). EAST SPAN IS PARTIALLY COLLAPSED AND EAST CENTRAL SPAN IS TOTALLY COLLAPSED.	1641N 10613E	0617 [REDACTED]	25X1A 124-H
25X1D [REDACTED]	BAN SENG PHAN ROAD BRIDGE OVER NAM NGO IMMEDIATELY EAST OF BAN SENG PHAN ON ROUTE 23 AT UTM WE744331. ELEVEN-SPAN, DECK-TYPE, LOG BRIDGE APPROXIMATELY 240 X 10 FT, UNSERVICEABLE TO VEHICULAR TRAFFIC. PLANKING HAS BEEN REMOVED OR DESTROYED FROM NW END OF BRIDGE, HOWEVER, TRACK ACTIVITY AT VEHICLE FORD IMMEDIATELY WEST INDICATES RECENT USE. NO VEHICLES OBSERVED.	1729N 10542E	0617	358-C
25X1D [REDACTED]				

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
25X1D	BAN NHONG, HIGHWAY BRIDGE OVER NAM TIEN 0.4 NM SSE OF BAN NHONG ON ROUTE 7 AT 25X1D UTM UG618662. NO APPARENT CHANGE SINCE MISSION [REDACTED], EXCEPT EASTERN SPAN HAS BEEN REPAIRED AND APPEARS SERVICEABLE TO VEHICULAR TRAFFIC. [REDACTED]	1935N 10341E	0617	480-C
MISCELLANEOUS				
25X1D	ROUTE 7 SINGLE-LANE, NATURAL SURFACE, SERVICEABLE ROAD IN GOOD CONDITION OBSERVED FROM 19-34N 103-44E TO 19-38N 103-30E. BRIDGE AT BAN BAN (19-37N 103-34E) IS UNSERVICEABLE. BRIDGE AT BAN KEN (19-35N 103-40E) IS DESTROYED. BRIDGE AT BAN NHONG (19-35N 103-41E) NOW APPEARS SERVICEABLE. [REDACTED]			
ROUTE 8	SINGLE-LANE, NATURAL SURFACE ROAD OBSERVED FROM NAPE (18-18N 105-05E) TO JUNCTION WITH ROUTE 12 AT 17-33N 105-10E. ROAD IS PASSABLE BETWEEN NAPE AND LAK SAO (18-11N 104-59E), IMPASSABLE SOUTH FROM LAK SAO TO 17-50N 105-03E (DUE TO RUTS AND GENERAL DETERIORATION OF ROAD AND WASHOUT OF BRIDGES AND FORDS), AND PASSABLE ALTHOUGH IN POOR CONDITION FROM 17-50N 105-03E TO BAN NHOMMARATH KEO (17-36N 105-09E).			

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
THE SEGMENT FROM BAN NHOMMARATH KEO TO THE JUNCTION OF ROUTES 8 AND 12 IS IN GOOD CONDITION. BRIDGE AT BAN NHOMMARATH KEO APPEARS TO BE 5-SPAN, WOODEN DECK-TYPE, AND SERVICEABLE.				
25X1D	[REDACTED]			
ROUTE 9				
SINGLE-LANE, NATURAL SURFACE ROAD IN GOOD CONDITION, EXCEPT FOR DETERIORATED AND UNSERVICEABLE SEGMENT FROM 16-37N 106-30E TO 16-37N 106-31E, OBSERVED FROM SOUTH VIETNAM/LAOS BORDER (16-37N 106-35E) TO 16-34N 105-46E. NO VEHICLES OBSERVED.	[REDACTED]			
25X1D	[REDACTED]			
ROUTE 12				
SINGLE-LANE, NATURAL SURFACE, SERVICEABLE ROAD IN GOOD CONDITION OBSERVED FROM 17-30N 105-23E TO 17-34N 105-10E.				

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
BAN BOUNG BAU HIGHWAY BRIDGE (17-34N 105-13E) IS STILL OUT AND UNSERVICEABLE, HOWEVER, A SERVICEABLE VEHICLE FORD IS LOCATED IMMEDIATELY SE OF THE BRIDGE. ALL OTHER BRIDGES AND FORDS APPEAR TO BE SERVICEABLE. NO VEHICLES OBSERVED. 	25X1D			
ROUTE 23 SINGLE-LANE, NATURAL SURFACE, SERVICEABLE ROAD IN GOOD CONDITION OBSERVED FROM 17-33N 105-43E TO 17-23N 105-43E. BRIDGES AT 17-32N 105-44E AND 17-23N 105-44E ARE SERVICEABLE. BAN SENG PHAN BRIDGE (17-29N 105-42E) IS UNSERVICEABLE (SEE NPIC TARGET NO 0617-358-C). 	25X1D			

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SECTION II

THIS SECTION PROVIDES A LISTING OF THOSE TARGETS WHICH REFLECT NO APPARENT CHANGE IN FACILITIES FROM THE MOST ADEQUATE PREVIOUS DESCRIPTION. THE MC1 IN WHICH THIS DESCRIPTION APPEARS IS DESIGNATED BY THE APPROPRIATE MISSION NUMBER, PREFIXED BY THE LETTERS "NAC" AND APPEARING AS THE LAST ENTRY ON THE PHOTO REFERENCE LINE. MILITARY INSTALLATIONS WHERE THERE IS NO SIGNIFICANT CHANGE IN FACILITIES AND WHERE NO ORDER OF BATTLE CAN BE DETERMINED ARE LISTED UNDER THIS SECTION.

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
-LAOS-				
AIR INSTALLATIONS				
BAN HOUOI SANE AIRFIELD		25X1D	1636N 10633E 0617	25X1A 217-A
BAN HOUOI SANE AREA, LANDING STRIP		25X1D	1637N 10633E 0617	217-C
TCHEPONE AIRFIELD		25X1D	1643N 10612E 0617	124
BAN PHAN HOP AIRFIELD		25X1D	1732N 10544E 0617	199
NAPE AIRFIELD		25X1D	1818N 10505E 0617	118

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
MILITARY INSTALLATIONS			25X1A	
TCHEPONE ARMY BARRACKS NORTHWEST	25X1D	1642N 10613E	0617	[REDACTED] 124-C
BAN NA KOK AREA, STRONGPOINT	[REDACTED]	1727N 10509E	0617	410
BAN BOUNG BAU, AAA/AW SITES	25X1D	1734N 10514E	0617	369-B
LAK SAO ARMY BARRACKS	25X1D	1811N 10459E	0617	[REDACTED] 113-A
BASIC SERVICES			25X1A	
BAN BOUNG BAU HWY BRIDGE OVER NAM GNOM	25X1D	1734N 10513E	0617	369-A
BAN LANG KHANG, REST/REFUEL/SUPPLY POINT	[REDACTED]	1734N 10543E	0617	199-D
BAN KEN HIGHWAY BRIDGE OVER NAM MAT	25X1D	1935N 10340E	0617	[REDACTED] 480-D
	25X1D			

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THIS SECTION PROVIDES A LISTING OF THOSE TARGETS WHICH COULD BE IDENTIFIED BUT NOT INTERPRETED.

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
-LAOS-				
AIR INSTALLATIONS				
BAN BAN AIRFIELD [REDACTED]	25X1D	1938N 10333E	0617	25X1A [REDACTED] 159-A
MILITARY INSTALLATIONS				
MUONG PHINE, POSSIBLE MAINTENANCE AREA [REDACTED]	25X1D	1632N 10601E	0617	192-D
BAN HOUEI SANE, MILITARY AREAS [REDACTED]	25X1D	1636N 10632E	0617	217
BAN BOUNG BAU AREA, MILITARY AREAS [REDACTED]	25X1D	1734N 10514E	0617	369
BAN BAN AREA, MILITARY AREAS [REDACTED]	25X1D	1939N 10333E	0617	159-B
BASIC SERVICES				
TCHEPONE HIGHWAY BRIDGE OVER SF BANG HIENG [REDACTED]	25X1D	1641N 10613E	0617	25X1A [REDACTED] 124-H

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APPENDIX

COLUMN HEADINGS

City, Installation--This column contains the name of the city or town nearest the installation, followed by the name of the installation. If the name of the installation is not known, it is titled according to its function. Where appropriate, the city and installation names are followed by a capsule description.

Coordinates--Coordinates are referenced to the SW corner of the minute square. When the subject installation covers a wide area, coordinates are given for the approximate center of the installation.

WAC--This column provides the World Aeronautical Chart number for that area in which the subject installation is situated.

Installation Numbers--This column is divided into two subcolumns. The first subcolumn lists, when known, the BE installation number assigned to the installation. The second subcolumn lists the installation number assigned by NPIC. Installation numbers, when used to reference an item, should be prefixed by the appropriate WAC number, since installation numbers are repeated from WAC to WAC. For example, there is an NPIC target number 0468-15-A

and an NPIC target number 0467-15-A. In each instance, the NPIC installation number is 15-A, but the installations appear on different WAC charts.

COMOR TARGET NUMBERS

Target numbers assigned by the Committee on Overhead Reconnaissance (COMOR), when available, are listed directly above the photo reference data.

PHOTO REFERENCE DATA

The photo reference data indicates the frame(s) on which the installation appears.

CONDITIONS AFFECTING PHOTOGRAPHY

Following the photo reference data, symbols indicate conditions which affect the appearance of the installation on the photography. The symbols are: C (clear); SC (scattered cloud cover); HC (heavy cloud cover); SC-HC (scattered-to-heavy cloud cover); H (haze); CS (cloud shadow); SD (semidarkness); S (snow); O (obliquity); and PQ (poor image quality).

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